What is claimed is:

1. A presentation service architecture for a netcentric computing system, comprising:

a client connected with a web server; and

5 a desktop manager service, a direct manipulation service, a forms service, a input device service, a report and print service, a user navigation service, web browser services and window system services located on said client for interacting with said web server.

10 2. The presentation service architecture of claim 1, wherein said desktop manager service allows users to manipulate files and launch applications located on said client.

3. The presentation service architecture of claim 1, wherein said direct 15 manipulation service allows users to manage at least one software application object by manipulating visual representations of said application objects located on said client.

4. The presentation service architecture of claim 1, wherein said direct manipulation service includes display services and input/validation services.

20 5. The presentation service architecture of claim 4, wherein said display services enable applications to represent application objects as at least one icon and control the display characteristics of said icon.

25 6. The presentation service architecture of claim 4, wherein said input/validation services enable applications to invoke validation logic when a user selects an application object.

7. The presentation service architecture of claim 1, wherein said form service 30 enables applications from said web server to use at least one field to display and collect data from said client through said web browser services.

8. The presentation service architecture of claim 1, wherein said input device service detects user input from at least one input device located on said client.

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9.   The presentation services of claim 1, wherein said report and print service enables on-screen previewing and printing of documents that contain data that are generated on said client by said web server.

10.   The presentation services of claim 1, where said user navigation service provide users with the ability to access or navigate between functions within or across applications that are generated on said client by said web server.

11.   The presentation services of claim 1, wherein said web browser service allows users to view and interact with applications and documents located on said client and said web server.

12.   The presentation service architecture of claim 1, wherein said web browser services includes web browser extension services, web browser form services and web browser user navigation services.

13.   The presentation service architecture of claim 12, wherein said web browser extension services may be selected from the group consisting of plug-ins, helper application/viewers, Java applets, Active/X controls and Java beans.

14.   The presentation service architecture of claim 12, wherein said web browser form service enables applications on said web server to use fields to display and collect data within said web browser services on said client.

15.   The presentation service architecture of claim 12, wherein said web browser user navigation services provide users on said client with the ability to access or navigate between functions within or across applications located on said web server.

16.   The presentation service architecture of claim 12, wherein said web browser user navigation services may be selected from the group consisting of hyperlinks, customized menus and virtual reality services.

17.   The presentation service architecture of claim 1, wherein said window system service provides the base functionality for creating and managing a graphical user interface.

5   18.   A presentation service architecture for a netcentric computing system, comprising:

a client connected with a web server;

a desktop manager service for allowing users to manipulate files and launch applications located on said client;

10   a direct manipulation service for allowing users to manage at least one software application object by manipulating visual representations of said application objects located on said client;

a form service for enabling applications from said web server to use at least one field to display and collect data from said client;

15   a input device service for detecting user input from at least one input device located on said client;

a report and print service for enabling on-screen previewing and printing of documents that contain data that are generated on said client by said web server;

a user navigation service for providing users with the ability to access or 20   navigate between functions within or across applications that are generated on said client by said web server;

a web browser service for allowing users to view and interact with applications and documents located on said client and said web server; and

a window system service for providing a base functionality for creating and 25   managing a graphical user interface.

19.   The presentation service architecture of claim 18, wherein said direct manipulation service includes display services and input/validation services.

30   20.   The presentation service architecture of claim 19, wherein said display services enable applications to represent application objects as at least one icon and control the display characteristics of said icon.

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21. The presentation service architecture of claim 19, wherein said input/validation services enable applications to invoke validation logic when a user selects an application object.

5   22. The presentation service architecture of claim 18, wherein said web browser services include web browser extension services, web browser form services and web browser user navigation services.

23. The presentation service architecture of claim 22, wherein said web browser

10   extension services may be selected from the group consisting of plug-ins, helper application/viewers, Java applets, Active/X controls and Java beans.

24. The presentation service architecture of claim 22, wherein said web browser form service enables applications to use fields to display and collect data within said web

15   browser services on said client.

25. The presentation service architecture of claim 22, wherein said web browser user navigation services provide users on said client with the ability to access or navigate between functions within or across applications located on said web server.

20   26. The presentation service architecture of claim 22, wherein said web browser user navigation services may be selected from the group consisting of hyperlinks, customized menus and virtual reality services.

25   27. A method of providing a presentation service architecture for a netcentric computing system, comprising the steps of:

    providing at least one client connected with a web server;

    manipulating files and launching applications with a desktop manager service on said client;

30   allowing users to manage at least one software application object by manipulating visual representations of said application objects with a direct manipulation service on said client;

    displaying and collecting data with a forms service on said client;

detecting user inputs from at least one input device with an input device service located on said client;

previewing and printing documents that contain data with a report and print service located on said client;

5   accessing or navigating between functions within or across applications with a user navigation service on said client;

viewing and interacting with applications and documents on said web server with a web browser service on said client; and

providing a window system service that is capable of creating and managing
10   a graphical user interface on said client.

28.   The method of claim 27, wherein said web browser services include web browser extension services, web browser form services and web browser user navigation services.

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29.   The method of claim 28, wherein said web browser extension services may be selected from the group consisting of plug-ins, helper application/viewers, Java applets, Active/X controls and Java beans.

20   30.   The method of claim 28, wherein said web browser form service enables applications to use fields to display and collect data within said web browser services on said client.

31.   The method of claim 28, wherein said web browser user navigation services
25   provide users on said client with the ability to access or navigate between functions within or across applications located on said web server.

32.   The method of claim 22, wherein said web browser user navigation services may be selected from the group consisting of hyperlinks, customized menus and virtual
30   reality services.